

## Message Text

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PAGE 01 PARIS 05073 162240Z  
ACTION OES-07

INFO OCT-01 EUR-12 NEA-10 ISO-00 ACDA-12 CIAE-00  
INR-10 IO-13 L-03 NSAE-00 NSC-05 EB-08 NRC-05  
SOE-02 DODE-00 DOE-11 SS-15 SP-02 CEQ-01 PM-05  
/122 W

-----054095 171442Z /50

R 162305Z FEB 78  
FM AMEMBASSY PARIS  
TO SECSTATE WASHDC 6267  
INFO AMEMBASSY TEL AVIV  
AMEMBASSY CAIRO  
AMEMBASSY VIENNA  
USINT BAGHDAD

C O N F I D E N T I A L PARIS 05073

VIENNA FOR USIAEA

E.O.11652: GDS  
TAGS: MNUC TECH PARM FR US IZ  
SUBJ: US-FRENCH DISCUSSION REGARDING FRENCH RESEARCH  
REACTOR SALE TO IRAQ

1. ON FEB 15 DURING AMBASSADOR GERARD SMITH'S VISIT TO  
PARIS, DISCUSSIONS WITH MFA NUCLEAR NON-PROLIFERATION  
ADVISOR ANDRE JACOMET INCLUDED A BRIEF REVIEW OF THE  
CURRENT SITUATION ON THE FRENCH OSIRIS RESEARCH REACTOR  
FOR IRAQ. MFA NUCLEAR AFFAIRS DIRECTOR LOUET STATED  
THAT THE FRENCH OBJECTIVE WAS TO CONTINUE WITH THE  
CONTRACT AND AS SOON AS PRACTICABLE TO UTILIZE LOWER  
ENRICHED FUEL CORES OF THE "CARMEL DESIGN". CEA  
STUDIES ON THIS NEW DESIGN WOULD PROBABLY NOT BE  
COMPLETED FOR SOME TIME AND THUS THE GOF PLAN IS TO  
CONTINUE A TECHNICAL TEAM AT THE REACTOR SITE UNTIL  
SUCH TIME AS THE LOW ENRICHMENT FUEL CORES WOULD BE IN  
PLACE. THE INITIAL CORES WOULD BE OF THE ORIGINAL  
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DESIGN, HIGHLY ENRICHED URANIUM, ALTHOUGH THERE WOULD  
BE A MINIMUM TOTAL QUANTITY OF HEU ON SITE - PERHAPS  
ONE SPARE CORE WOULD BE AVAILABLE AT THE PLANT.

2. CEA'S GOLDSCHMIDT LATER INDICATED THAT THE CARMEL  
PROCESS INVOLVED LOW ENRICHED FUEL (20 PERCENT OR LESS  
OF U-235, REMAINDER U-238) WHICH WAS FABRICATED IN A

MANNER TO GIVE GREATER SURFACE AREA AND HAD THE  
APPEARANCE OF A DARK AND LIGHT SPIRAL MIXTURE SUCH AS  
SOME FORMS OF CARAMEL CANDY.

3. FOR VIENNA: PLEASE PASS THIS CABLE TO AMBASSADOR  
SMITH AS IT WAS PREPARED AFTER HE LEFT PARIS.  
MYERSON

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NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 jan 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** RESEARCH, SALES, NUCLEAR REACTORS  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 16 feb 1978  
**Decaption Date:** 01 jan 1960  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 20 Mar 2014  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1978PARIS05073  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** n/a  
**Enclosure:** n/a  
**Executive Order:** GS  
**Errors:** N/A  
**Expiration:**  
**Film Number:** D780074-0010  
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**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
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**Page Count:** 2  
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**Previous Handling Restrictions:** n/a  
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**Retention:** 0  
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**Review Content Flags:**  
**Review Date:** 17 may 2005  
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**Review Release Event:** n/a  
**Review Transfer Date:**  
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**SAS ID:** 3572249  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** US-FRENCH DISCUSSION REGARDING FRENCH RESEARCH REACTOR SALE TO IRAQ  
**TAGS:** MNUC, TECH, PARM, FR, US, IZ  
**To:** STATE  
**Type:** TE  
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**Review Markings:**  
Sheryl P. Walter  
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**Markings:** Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014